Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   JAN 27   Source of Registration (SR) information in REGISTRY updated
                   and searchable
NEWS 4   JAN 27   A new search aid, the Company Name Thesaurus, available in
                   CA/CAplus
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NEWS 6   MAR 03   MEDLINE and LMEDLINE reloaded
NEWS 7   MAR 03   MEDLINE file segment of TOXCENTER reloaded
NEWS 8   MAR 03   FRANCEPAT now available on STN
NEWS 9   MAR 29   Pharmaceutical Substances (PS) now available on STN
NEWS 10   MAR 29   WPIFV now available on STN
NEWS 11   MAR 29   New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12   APR 26   PROMT: New display field available
NEWS 13   APR 26   IFIPAT/IFIUDB/IFICDB: New super search and display field
                   available
NEWS 14   APR 26   LITALERT now available on STN
NEWS 15   APR 27   NLDB: New search and display fields available
NEWS 16   May 10   PROUSDDR now available on STN
NEWS 17   May 19   PROUSDDR: One FREE connect hour, per account, in both May
                   and June 2004
NEWS 18   May 12   EXTEND option available in structure searching
NEWS 19   May 12   Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20   May 17   FRFULL now available on STN
NEWS 21   May 27   STN User Update to be held June 7 and June 8 at the SLA 2004
                   Conference
NEWS 22   May 27   New UPM (Update Code Maximum) field for more efficient patent
                   SDIs in CAplus
NEWS 23   May 27   CAplus super roles and document types searchable in REGISTRY
NEWS 24   May 27   Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS   MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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   * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:10:12 ON 09 JUN 2004

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                              ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 14:10:21 ON 09 JUN 2004
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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html
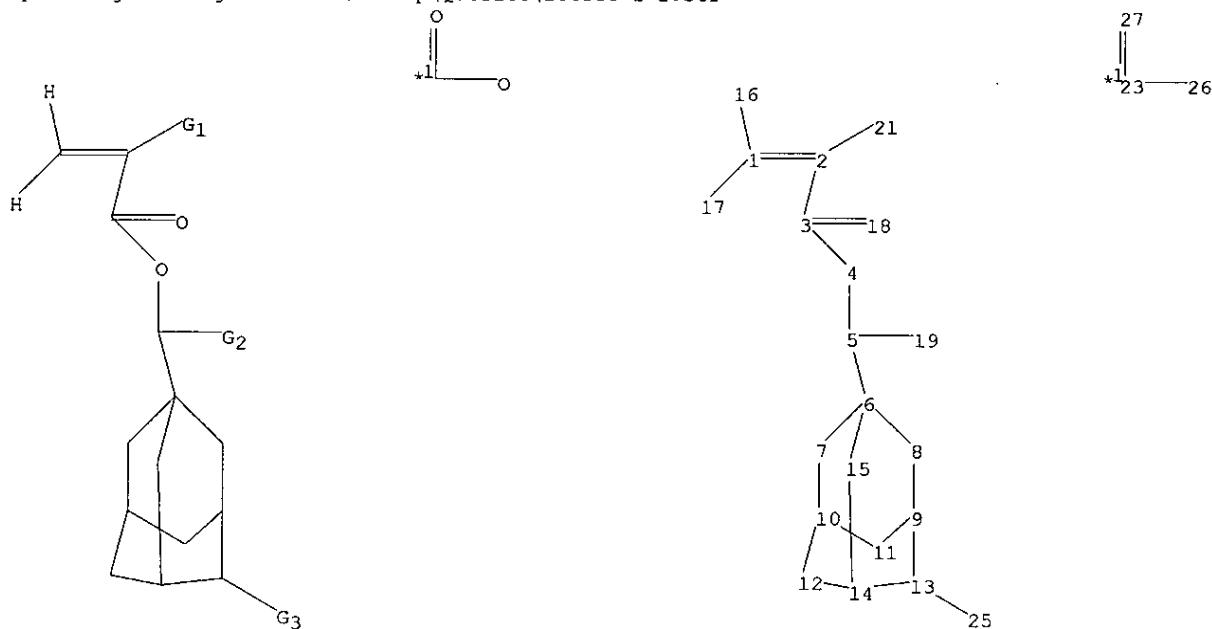
=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 970 AND 2067

L1   SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\10635571-1.str

chain nodes :
1 2 3 4 5 16 17 18 19 21 23 25 26 27
ring nodes :
6 7 8 9 10 11 12 13 14 15
chain bonds :
1-2 1-16 1-17 2-3 2-21 3-4 3-18 4-5 5-6 5-19 13-25 23-26 23-27
ring bonds :
6-7 6-8 6-15 7-10 8-9 9-11 9-13 10-11 10-12 12-14 13-14 14-15
exact/norm bonds :
2-21 3-4 3-18 4-5 5-19 6-7 6-8 6-15 7-10 8-9 9-11 9-13 10-11 10-12 12-14 13-14 13-25 14-15
23-26 23-27
exact bonds :
1-2 1-16 1-17 2-3 5-6

G1:H,CH3

G2:H,Ak

G3:OH,COOH,O,[*1]

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom
 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS 21:CLASS 23:CLASS 25:CLASS 26:CLASS 27:CLASS

```
L2       STRUCTURE UPLOADED

=> que L2 AND L1

L3   QUE L2 AND L1

=> d
L3 HAS NO ANSWERS
L1              SCR 970 AND 2067
L2              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.
L3              QUE  ABB=ON  PLU=ON  L2 AND L1


=> s 13 sss sam
SAMPLE SEARCH INITIATED 14:10:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     12 TO ITERATE

100.0% PROCESSED      12 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         33 TO      447
PROJECTED ANSWERS:             0 TO        0

L4              0 SEA SSS SAM L2 AND L1

=> FIL HCAPLUS, CAPLUS, USPATFULL
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                           0.42          0.63

FILE 'HCAPLUS' ENTERED AT 14:10:46 ON 09 JUN 2004
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=> s 14
L5              0 L4

=> exit y
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                           4.15          4.78

STN INTERNATIONAL LOGOFF AT 14:10:55 ON 09 JUN 2004



Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

  NEWS  1         Web Page URLs for STN Seminar Schedule - N. America
  NEWS  2         "Ask CAS" for self-help around the clock
  NEWS  3  JAN 27  Source of Registration (SR) information in REGISTRY updated
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  NEWS  4  JAN 27  A new search aid, the Company Name Thesaurus, available in
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```

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NEWS  5  FEB 05   German (DE) application and patent publication number format
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NEWS EXPRESS    MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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NEWS INTER      General Internet Information
NEWS LOGIN      Welcome Banner and News Items
NEWS PHONE      Direct Dial and Telecommunication Network Access to STN
NEWS WWW        CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 15:55:35 ON 09 JUN 2004

=> file reg
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                    ENTRY       SESSION
FULL ESTIMATED COST                                 0.21          0.21

FILE 'REGISTRY' ENTERED AT 15:55:45 ON 09 JUN 2004
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STRUCTURE FILE UPDATES:    8 JUN 2004   HIGHEST RN 690955-30-7
DICTIONARY FILE UPDATES:   8 JUN 2004   HIGHEST RN 690955-30-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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http://www.cas.org/ONLINE/DBSS/registryss.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end


=> screen 963 AND 970 AND 2067
```
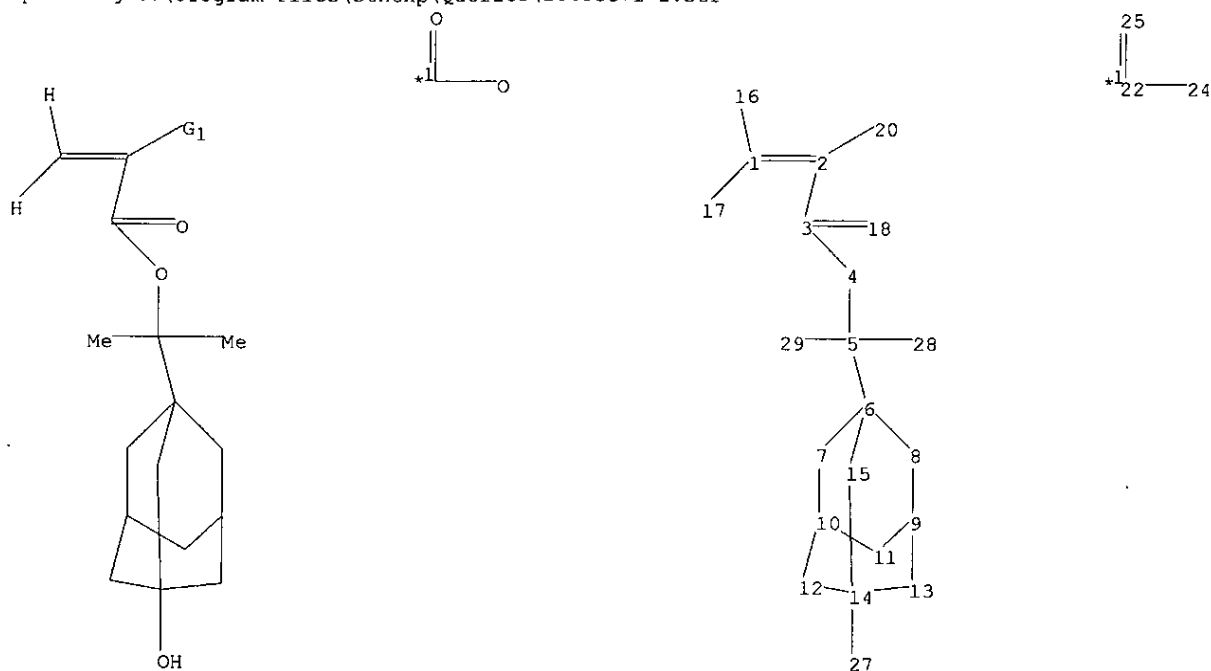
=>'
Uploading C:\Program Files\Stnexp\Queries\10635571-2.str

chain nodes :
1   2   3   4   5   16   17   18   20   22   24   25   27   28   29
ring nodes :
6   7   8   9   10   11   12   13   14   15
chain bonds :
1-2   1-16   1-17   2-3   2-20   3-4   3-18   4-5   5-6   5-28   5-29   14-27   22-24   22-25
ring bonds :
6-7   6-8   6-15   7-10   8-9   9-11   9-13   10-11   10-12   12-14   13-14   14-15
exact/norm bonds :
2-20   3-4   3-18   4-5   6-7   6-8   6-15   7-10   8-9   9-11   9-13   10-11   10-12   12-14   13-14   14-15   14-27   22-24
22-25
exact bonds :
1-2   1-16   1-17   2-3   5-6   5-28   5-29

G1:H,CH3

G2:H,Ak

G3:OH,COOH,O,[*1]

Match level :
1:CLASS   2:CLASS   3:CLASS   4:CLASS   5:CLASS   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom   12:Atom   13:Atom
 14:Atom   15:Atom   16:CLASS   17:CLASS   18:CLASS   20:CLASS   22:CLASS   24:CLASS   25:CLASS   27:CLASS   28:CLASS
29:CLASS

L2   STRUCTURE UPLOADED

=> que L2 AND L1

L3   QUE L2 AND L1

=> d
L3 HAS NO ANSWERS
L1   SCR 963 AND 970 AND 2067
L2   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.
L3   QUE   ABB=ON   PLU=ON   L2 AND L1

=> s l3 sss sam
SAMPLE SEARCH INITIATED 15:56:06 FILE 'REGISTRY'

```
SAMPLE SCREEN SEARCH COMPLETED -     6 TO ITERATE

100.0% PROCESSED       6 ITERATIONS                        0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:           6 TO      266
PROJECTED ANSWERS:              0 TO        0

L4              0 SEA SSS SAM L2 AND L1

=> FIL HCAPLUS, CAPLUS, USPATFULL
COST IN U.S. DOLLARS                      SINCE FILE      TOTAL
                                          ENTRY         SESSION
FULL ESTIMATED COST                        0.42          0.63

FILE 'HCAPLUS' ENTERED AT 15:56:11 ON 09 JUN 2004
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FILE 'USPATFULL' ENTERED AT 15:56:11 ON 09 JUN 2004
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=> s l4
L5              0 L4

=> file reg
COST IN U.S. DOLLARS                      SINCE FILE      TOTAL
                                          ENTRY         SESSION
FULL ESTIMATED COST                        4.15          4.78

FILE 'REGISTRY' ENTERED AT 15:56:18 ON 09 JUN 2004
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STRUCTURE FILE UPDATES:    8 JUN 2004  HIGHEST RN 690955-30-7
DICTIONARY FILE UPDATES:   8 JUN 2004  HIGHEST RN 690955-30-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> hydroxy adamantyl methacrylate
HYDROXY IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s hydroxy adamantyl methacrylate
        2960796 HYDROXY
           3655 ADAMANTYL
          41892 METHACRYLATE
             10 METHACRYLATES
          41892 METHACRYLATE
                (METHACRYLATE OR METHACRYLATES)
L6              2 HYDROXY ADAMANTYL METHACRYLATE
                (HYDROXY(W)ADAMANTYL(W)METHACRYLATE)

=> d

L6   ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   364736-20-9  REGISTRY
CN   2-Propenoic acid, 2-methyl-, 2-ethyltricyclo[3.3.1.13,7]dec-2-yl ester,
     polymer with hexahydro-2-oxo-3,5-methano-2H-cyclopenta[b]furan-6-yl
```

OTHER CA INDEX NAMES:
CN   2-Propenoic acid, 2-methyl-, 3-hydroxytricyclo[3.3.1.13,7]dec-1-yl ester,
       polymer with 2-ethyltricyclo[3.3.1.13,7]dec-2-yl 2-methyl-2-propenoate and
       hexahydro-2-oxo-3,5-methano-2H-cyclopenta[b]furan-6-yl
       2-methyl-2-propenoate (9CI)
CN   2-Propenoic acid, 2-methyl-, hexahydro-2-oxo-3,5-methano-2H-
       cyclopenta[b]furan-6-yl ester, polymer with 2-ethyltricyclo[3.3.1.13,7]dec-
       2-yl 2-methyl-2-propenoate and 3-hydroxytricyclo[3.3.1.13,7]dec-1-yl
       2-methyl-2-propenoate (9CI)
OTHER NAMES:
CN   2-Ethyl-2-adamantyl methacrylate-3-hydroxy-1-adamantyl
       methacrylate-5-methacryloyloxy-2,6-norbornanecarbolactone copolymer
CN   **3-Hydroxyadamantyl methacrylate-2-ethyladamantyl methacrylate-
       norbornenelactone methacrylate copolymer**
MF   (C16 H24 O2 . C14 H20 O3 . C12 H14 O4)x
CI   PMS
PCT   Polyacrylic
SR   CA
LC   STN Files: CA, CAPLUS, USPAT2, USPATFULL
DT.CA CAplus document type: Journal; Patent
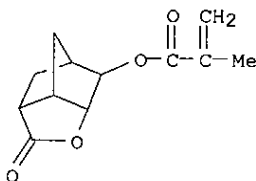RL.P   Roles from patents: PREP (Preparation); PROC (Process); PRP
       (Properties); USES (Uses)
RL.NP Roles from non-patents: PROC (Process); PRP (Properties)

       CM   1

       CRN   254900-07-7
       CMF   C12 H14 O4
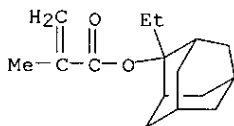

       CM   2

       CRN   209982-56-9
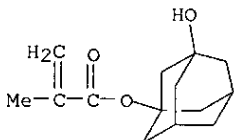   CMF   C16 H24 O2

       CM   3

       CRN   115372-36-6
       CMF   C14 H20 O3

              19 REFERENCES IN FILE CA (1907 TO DATE)
              19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 2

L6   ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN   240822-25-7 REGISTRY
CN   2-Butenedioic acid (2E)-, bis(1,1-dimethylethyl) ester, polymer with
      2-methyl-2-propenoic acid and 3,5,7-trihydroxytricyclo[3.3.1.13,7]dec-1-yl
      2-methyl-2-propenoate, 2-hydroxy-4(or 5)-[[(1-oxo-2-

propenyl)oxy]methyl]cyclohexyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN · 2-Propenoic acid, 2-methyl-, 3,5,7-trihydroxytricyclo[3.3.1.1³,⁷]dec-1-yl
    ester, polymer with bis(1,1-dimethylethyl) (2E)-2-butenedioate and
    2-methyl-2-propenoic acid, ester with (3,4-dihydroxycyclohexyl)methyl
    2-propenoate (9CI)
CN 2-Propenoic acid, 2-methyl-, polymer with bis(1,1-dimethylethyl)
    (2E)-2-butenedioate and 3,5,7-trihydroxytricyclo[3.3.1.1³,⁷]dec-1-yl
    2-methyl-2-propenoate, ester with (3,4-dihydroxycyclohexyl)methyl
    2-propenoate (9CI)
OTHER NAMES:
CN **Methacrylic acid-di-tert-butyl fumarate-trihydroxy adamantyl**
    methacrylate copolymer 3,4-dihydroxycyclohexylmethyl acrylate ester
FS STEREOSEARCH
MF (C14 H20 O5 . C12 H20 O4 . C4 H6 O2)x . x C10 H16 O4
PCT Polyacrylic, Polyester, Polyester formed, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation); USES (Uses)

    CM   1

    CRN 147321-05-9
    CMF C10 H16 O4
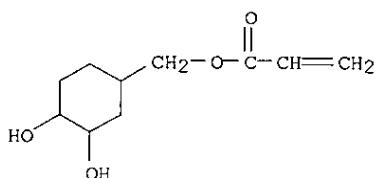
    CM   2

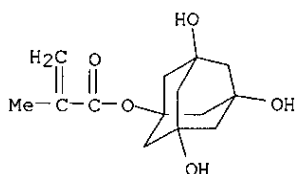   CRN 240822-24-6
    CMF (C14 H20 O5 . C12 H20 O4 . C4 H6 O2)x
    CCI PMS

        CM   3
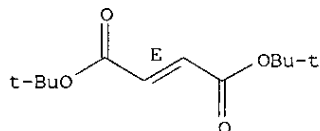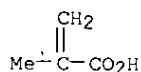
        CRN 115522-16-2
        CMF C14 H20 O5

        CM   4

        CRN 7633-38-7
        CMF C12 H20 O4

Double bond geometry as shown.

        CM   5

        CRN 79-41-4
        CMF C4 H6 O2

```
  CH₂
  ‖
Me—C—CO₂H
```

The structure shows:

$$\text{CH}_2 = \text{C(Me)} - \text{CO}_2\text{H}$$

```
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> file reg
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                           17.67         22.45


FILE 'REGISTRY' ENTERED AT 15:57:14 ON 09 JUN 2004
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STRUCTURE FILE UPDATES:     8 JUN 2004   HIGHEST RN 690955-30-7
DICTIONARY FILE UPDATES:    8 JUN 2004   HIGHEST RN 690955-30-7

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=> s 115372-36-6
L7            1 115372-36-6
                 (115372-36-6/RN)


=> s 115372-36-6/crn
L8          323 115372-36-6/CRN

=> FIL HCAPLUS, CAPLUS, USPATFULL
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY        SESSION
FULL ESTIMATED COST                           0.42          22.87

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=> d his

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     FILE 'REGISTRY' ENTERED AT 15:55:45 ON 09 JUN 2004
L1            SCREEN 963 AND 970 AND 2067
L2            STRUCTURE UPLOADED
L3            QUE L2 AND L1
L4          0 S L3 SSS SAM

     FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 15:56:11 ON 09 JUN 2004
L5          0 S L4

     FILE 'REGISTRY' ENTERED AT 15:56:18 ON 09 JUN 2004
L6            2 S HYDROXY ADAMANTYL METHACRYLATE

     FILE 'REGISTRY' ENTERED AT 15:57:14 ON 09 JUN 2004
L7            1 S 115372-36-6
L8          323 S 115372-36-6/CRN

     FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 15:57:36 ON 09 JUN 2004
```

```
=> s 16 or 17 or 18
L9·          492 L6 OR L7 OR L8

=> s 19 and (resist or photoresist)
L10          473 L9 AND (RESIST OR PHOTORESIST)

=> s 110 and (photoacid?  or acid? or photoactive)
L11          453 L10 AND (PHOTOACID? OR ACID? OR PHOTOACTIVE)

=> duplicates remove 111
DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS, USPATFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L11
L12          251 DUPLICATE REMOVE L11 (202 DUPLICATES REMOVED)

=> d 112 1

L12  ANSWER 1 OF 251  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN   2004:412985  HCAPLUS
TI   Acrylic copolymers having specific structures and radiation-sensitive
     resin compositions
IN   Ishii, Hiroyuki; Fujiwara, Kouichi; Yamaguchi, Hiroshi; Nishimura, Yukio
PA   JSR Corporation, Japan
SO   PCT Int. Appl., 44 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.        KIND  DATE        APPLICATION NO.   DATE
     ---------------   ----  --------    ---------------   --------
PI   WO 2004041879     A1    20040521    WO 2003-JP14051   20031104
     W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
         CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
         GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS,
         LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG,
         PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
         TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG,
         KZ, MD, RU, TJ
     RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
         BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
         MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
         GQ, GW, ML, MR, NE, SN, TD, TG
PRAI JP 2002-320697    A     20021105
     JP 2002-330870    A     20021114
RE.CNT  6     THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d 112 1 hitstr

L12  ANSWER 1 OF 251  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 1
IT   690258-42-5P
     RL: CPS (Chemical process); IMF (Industrial manufacture); PEP (Physical,
     engineering or chemical process); POF (Polymer in formulation); TEM
     (Technical or engineered material use); PREP (Preparation); PROC
     (Process); USES (Uses)
       (acrylic copolymers having adamantyl structures for radiation-sensitive
       resin compns. useful as photoresists)
RN   690258-42-5  HCAPLUS
CN   INDEX NAME NOT YET ASSIGNED

     CM   1

     CRN  326925-69-3
     CMF  C10 H16 O2
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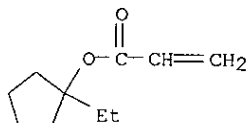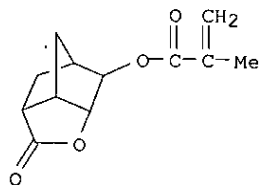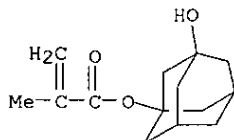


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     CM   2

     CRN  254900-07-7
     CMF  C12 H14 O4
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O CH2
‖ ‖
O—C—C—Me

CM   3

CRN   115372-36-6
CMF   C14 H20 O3

HO

H2C   O
‖   ‖
Me—C—C—O

=> d his

        (FILE 'HOME' ENTERED AT 15:55:35 ON 09 JUN 2004)

        FILE 'REGISTRY' ENTERED AT 15:55:45 ON 09 JUN 2004
L1   SCREEN 963 AND 970 AND 2067
L2   STRUCTURE UPLOADED
L3   QUE L2 AND L1
L4   0 S L3 SSS SAM

        FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 15:56:11 ON 09 JUN 2004
L5   0 S L4

        FILE 'REGISTRY' ENTERED AT 15:56:18 ON 09 JUN 2004
L6   2 S HYDROXY ADAMANTYL METHACRYLATE

        FILE 'REGISTRY' ENTERED AT 15:57:14 ON 09 JUN 2004
L7   1 S 115372-36-6
L8   323 S 115372-36-6/CRN

        FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 15:57:36 ON 09 JUN 2004
L9   492 S L6 OR L7 OR L8
L10   473 S L9 AND (RESIST OR PHOTORESIST)
L11   453 S L10 AND (PHOTOACID? OR ACID? OR PHOTOACTIVE)
L12   251 DUPLICATE REMOVE L11 (202 DUPLICATES REMOVED)

=> s l6 or l7
L13   88 L6 OR L7

=> s l13 and (resist or photoresist)
L14   73 L13 AND (RESIST OR PHOTORESIST)

=> duplicates remove l14
DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS, USPATFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L14
L15   40 DUPLICATE REMOVE L14 (33 DUPLICATES REMOVED)

=> d l15 1-40 pn

L15 ANSWER 1 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
     PATENT NO.   KIND DATE
     ---------------   ---- --------
PI   US 2004048192   A1   20040311

L15 ANSWER 2 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
     PATENT NO.   KIND DATE
     ---------------   ---- --------
PI   JP 2004078153   A2   20040311

L15 ANSWER 3 OF 40 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
     PATENT NO.   KIND DATE
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PI   JP 2004012545   A2   20040115

L15 ANSWER 4 OF 40 USPATFULL on STN

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PI     US 2004006189     A1   20040108

L15  ANSWER 5 OF 40   USPATFULL on STN
PI     US 6692889          B1   20040217
       WO 2001010916  20010215

L15  ANSWER 6 OF 40   HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 4
     PATENT NO.        KIND  DATE
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PI   US 2003203307     A1   20031030
     JP 2003316008     A2   20031106

L15  ANSWER 7 OF 40   HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 5
     PATENT NO.        KIND  DATE
     ---------------   ----  --------
PI   JP 2003287884     A2   20031010

L15  ANSWER 8 OF 40   HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 6
     PATENT NO.        KIND  DATE
     ---------------   ----  --------
PI   JP 2003202673     A2   20030718

L15  ANSWER 9 OF 40   HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 7
     PATENT NO.        KIND  DATE
     ---------------   ----  --------
PI   JP 2003149812     A2   20030521

L15  ANSWER 10 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 8
     PATENT NO.        KIND  DATE
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PI   JP 2003015296     A2   20030115

L15  ANSWER 11 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 9
     PATENT NO.        KIND  DATE
     ---------------   ----  --------
PI   EP 1270553        A2   20030102
     EP 1270553        A3   20040421
     JP 2003173027     A2   20030620
     US 2003113658     A1   20030619
     CN 1432873        A    20030730
     JP 2004002252     A2   20040108
     US 2003170561     A1   20030911

L15  ANSWER 12 OF 40  USPATFULL on STN
PI     US 2003170561     A1   20030911

L15  ANSWER 13 OF 40  USPATFULL on STN
PI     US 2003113658     A1   20030619

L15  ANSWER 14 OF 40  USPATFULL on STN
PI     US 2003044715     A1   20030306
       US 6692884        B2   20040217

L15  ANSWER 15 OF 40  USPATFULL on STN
PI     US 2003039918     A1   20030227

L15  ANSWER 16 OF 40  USPATFULL on STN
PI     US 2003031950     A1   20030213

L15  ANSWER 17 OF 40  USPATFULL on STN
PI     US 2003008241     A1   20030109

L15  ANSWER 18 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 10

L15  ANSWER 19 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 11

L15  ANSWER 20 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 12

L15  ANSWER 21 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 13
     PATENT NO.        KIND  DATE
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PI   US 6440636        B1   20020827

L15  ANSWER 22 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 14
     PATENT NO.        KIND  DATE
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PI   JP 2002303981     A2   20021018

L15  ANSWER 23 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 15
     PATENT NO.        KIND  DATE
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PI   JP 2002303980     A2   20021018
     US 2003044715     A1   20030306
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              US 6692884        B2   20040217

L15   ANSWER 24 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 16
      PATENT NO.         KIND  DATE
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PI    JP 2002303979      A2    20021018

L15   ANSWER 25 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 17
      PATENT NO.         KIND  DATE
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PI    JP 2002296779      A2    20021009
      US 2003031950      A1    20030213

L15   ANSWER 26 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 18
      PATENT NO.         KIND  DATE
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PI    JP 2002268223      A2    20020918
      US 2003008241      A1    20030109

L15   ANSWER 27 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 19
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    JP 2002268222      A2    20020918

L15   ANSWER 28 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 20
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    JP 2002265436      A2    20020918

L15   ANSWER 29 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 21
      PATENT NO.         KIND  DATE
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PI    JP 2002226436      A2    20020814

L15   ANSWER 30 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 22
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    GB 2373866         A1    20021002
      GB 2373866         B2    20030326
      JP 2002357905      A2    20021213
      US 2003039918      A1    20030227
      BE 1014726         A3    20040302

L15   ANSWER 31 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 23
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    DE 10213584        A1    20021002

L15   ANSWER 32 OF 40   USPATFULL on STN
PI       US 2002169266       A1    20021114
         US 6552143          B2    20030422

L15   ANSWER 33 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 24

L15   ANSWER 34 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 25
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    WO 2001057597      A1    20010809
      JP 2001215703      A2    20010810
      EP 1172694         A1    20020116
      US 2002169266      A1    20021114
      US 6552143         B2    20030422
      US 2004006189      A1    20040108

L15   ANSWER 35 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 26
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    WO 2001010916      A1    20010215
      JP 2001048931      A2    20010220
      JP 3390702         B2    20030331
      JP 2001048933      A2    20010220
      JP 3330903         B2    20021007
      EP 1172384         A1    20020116
      TW 513618          B     20021211
      US 6692889         B1    20040217

L15   ANSWER 36 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 27
      PATENT NO.         KIND  DATE
      ----------------   ----  --------
PI    JP 2001240625      A2    20010904

L15   ANSWER 37 OF 40   HCAPLUS   COPYRIGHT 2004 ACS on STN DUPLICATE 28
      PATENT NO.         KIND  DATE
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PI    JP 2001131232    A2   20010515

L15   ANSWER 38 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 29
      PATENT NO.        KIND  DATE
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PI    EP 1143299       A1   20011010
      EP 1143299       B1   20030716
      CN 1316675       A    20011010
      TW 507116        B    20021021
      US 2001044070    A1   20011122
      US 6579659       B2   20030617
      JP 2002296783    A2   20021009
      SG 94799         A1   20030318


L15   ANSWER 39 OF 40  USPATFULL on STN
PI        US 2001044070     A1   20011122
          US 6579659        B2   20030617

L15   ANSWER 40 OF 40  HCAPLUS  COPYRIGHT 2004 ACS on STN DUPLICATE 30
      PATENT NO.        KIND  DATE
      --------------   ----  --------
PI    JP 11231541      A2   19990827
      EP 936504        A1   19990818
      EP 1376233       A2   20040102


=> exit y
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                             ENTRY          SESSION
FULL ESTIMATED COST                          71.44          94.31

STN INTERNATIONAL LOGOFF AT 16:00:54 ON 09 JUN 2004



Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1752YXC

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS  1            Web Page URLs for STN Seminar Schedule - N. America
NEWS  2            "Ask CAS" for self-help around the clock
NEWS  3   JAN 27   Source of Registration (SR) information in REGISTRY updated
                   and searchable
NEWS  4   JAN 27   A new search aid, the Company Name Thesaurus, available in
                   CA/CAplus
NEWS  5   FEB 05   German (DE) application and patent publication number format
                   changes
NEWS  6   MAR 03   MEDLINE and LMEDLINE reloaded
NEWS  7   MAR 03   MEDLINE file segment of TOXCENTER reloaded
NEWS  8   MAR 03   FRANCEPAT now available on STN
NEWS  9   MAR 29   Pharmaceutical Substances (PS) now available on STN
NEWS 10   MAR 29   WPIFV now available on STN
NEWS 11   MAR 29   New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12   APR 26   PROMT: New display field available
NEWS 13   APR 26   IFIPAT/IFIUDB/IFICDB: New super search and display field
                   available
NEWS 14   APR 26   LITALERT now available on STN
NEWS 15   APR 27   NLDB: New search and display fields available
NEWS 16   May 10   PROUSDDR now available on STN
NEWS 17   May 19   PROUSDDR: One FREE connect hour, per account, in both May
                   and June 2004
NEWS 18   May 12   EXTEND option available in structure searching
NEWS 19   May 12   Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20   May 17   FRFULL now available on STN
NEWS 21   May 27   STN User Update to be held June 7 and June 8 at the SLA 2004
                   Conference
NEWS 22   May 27   New UPM (Update Code Maximum) field for more efficient patent
                   SDIs in CAplus
NEWS 23   May 27   CAplus super roles and document types searchable in REGISTRY
NEWS 24   May 27   Explore APOLLIT with free connect time in June 2004
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FILE 'HOME' ENTERED AT 18:43:45 ON 09 JUN 2004

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 18:44:09 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 JUN 2004   HIGHEST RN 690955-30-7
DICTIONARY FILE UPDATES: 8 JUN 2004   HIGHEST RN 690955-30-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

    Please note that search-term pricing does apply when
    conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 963 AND 970 AND 2067

L1   SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\10635571-3.str

chain nodes :

```
 1   2   3   4   5   6   7   8   10   13   14
ring nodes :
15  16  17  18  19  20  21  22  23  24
chain bonds :
1-2  1-6  1-7  2-3  2-10  3-4  3-8  4-5  5-14  5-13  5-18
ring bonds :
15-16  15-20  16-17  16-21  17-18  18-19  18-24  19-20  20-23  21-22  22-23  22-24
exact/norm bonds :
2-10  3-4  3-8  4-5  15-16  15-20  16-17  16-21  17-18  18-19  18-24  19-20  20-23  21-22  22-23  22-24
exact bonds :
1-2  1-6  1-7  2-3  5-14  5-13  5-18
```

G1:H,CH3

G2:H,Ak

G3:OH,COOH,O

Match level :
```
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  10:Atom  13:Atom  14:Atom  15:Atom  16:Atom
17:Atom  18:Atom  19:Atom  20:Atom  21:Atom  22:Atom  23:Atom  24:Atom
```

L2   STRUCTURE UPLOADED
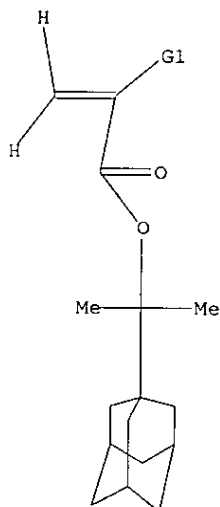
=> que L2 AND L1

L3   QUE L2 AND L1

=> d
L3 HAS NO ANSWERS
L1   SCR 963 AND 970 AND 2067
L2   STR

G1 H,Me
G2 H,Ak
G3 OH,COOH,O

Structure attributes must be viewed using STN Express query preparation.
L3   QUE ABB=ON PLU=ON L2 AND L1

=> s 13 sss sam
SAMPLE SEARCH INITIATED 18:44:38 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   28 TO ITERATE

100.0% PROCESSED   28 ITERATIONS   22 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 243 TO   877
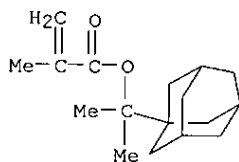PROJECTED ANSWERS: 159 TO   721

L4   22 SEA SSS SAM L2 AND L1

L4   ANSWER 1 OF 22   REGISTRY   COPYRIGHT 2004 ACS on STN
RN   657404-11-0   REGISTRY
CN   2-Propenoic acid, 2-methyl-, hexahydro-2-oxo-3,5-methano-2H-
      cyclopenta[b]furan-6-yl ester, polymer with 2-(2-methoxyethoxy)ethyl
      2-methyl-2-propenoate, 1-methyl-1-tricyclo[3.3.1.13,7]dec-1-ylethyl
      2-methyl-2-propenoate and tricyclo[3.3.1.13,7]dec-1-yl
      2-methyl-2-propenoate (9CI)   (CA INDEX NAME)
MF   (C17 H26 O2 . C14 H20 O2 . C12 H14 O4 . C9 H16 O4)x
CI   PMS
PCT   Polyacrylic
SR   CA
LC   STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P   Roles from patents: PREP (Preparation); USES (Uses)
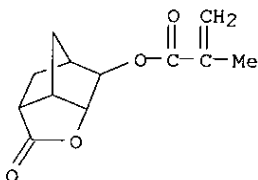
      CM   1

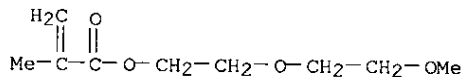   CRN   279218-76-7
      CMF   C17 H26 O2

```
H2C   O
 ||   ||
Me—C—C—O
      |
  Me—C
      |
      Me
```

      CM   2

      CRN   254900-07-7
      CMF   C12 H14 O4

```
      O   CH2
      ||  ||
   O—C—C—Me
```

      CM   3

      CRN   45103-58-0
      CMF   C9 H16 O4

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H2C   O
 ||   ||
Me—C—C—O—CH2—CH2—O—CH2—CH2—OMe
```

      CM   4

      CRN   16887-36-8
      CMF   C14 H20 O2

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H2C   O
 ||   ||
Me—C—C—O
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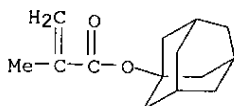
            1 REFERENCES IN FILE CA (1907 TO DATE)
            1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL HCAPLUS, CAPLUS, USPATFULL
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                          ENTRY   SESSION